



City of Cambridge, Massachusetts

Department of Public Works

147 Hampshire Street • Cambridge, MA 02139

APPENDIX F

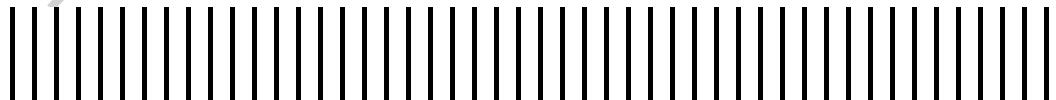
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NRCS Design Storm

Distributions

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Version 1/21/08



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F. NRCS Design Storm Distributions

Hour	Rainfall Intensity (in/hr)						
	3-month	6-month	1-year	2-year	5-year	10-year	25-year
1	0.019	0.024	0.028	0.034	0.042	0.050	0.060
2	0.019	0.024	0.028	0.035	0.042	0.050	0.060
3	0.022	0.028	0.033	0.040	0.049	0.060	0.070
4	0.022	0.028	0.033	0.040	0.049	0.060	0.070
5	0.026	0.031	0.037	0.046	0.056	0.070	0.080
6	0.032	0.039	0.047	0.058	0.070	0.080	0.100
7	0.029	0.035	0.042	0.052	0.062	0.070	0.090
8	0.054	0.067	0.080	0.098	0.119	0.140	0.170
9	0.051	0.063	0.075	0.092	0.111	0.130	0.160
10	0.076	0.094	0.112	0.137	0.166	0.200	0.240
11	0.113	0.139	0.165	0.202	0.245	0.290	0.350
12	0.417	0.512	0.611	0.748	0.906	1.060	1.290
13	0.484	0.594	0.710	0.868	1.052	1.240	1.500
14	0.125	0.154	0.183	0.224	0.272	0.320	0.390
15	0.080	0.098	0.118	0.144	0.174	0.200	0.250
16	0.051	0.063	0.075	0.092	0.111	0.130	0.160
17	0.054	0.067	0.080	0.098	0.119	0.140	0.170
18	0.026	0.031	0.038	0.046	0.056	0.060	0.080
19	0.022	0.028	0.033	0.040	0.049	0.060	0.070
20	0.029	0.035	0.043	0.052	0.063	0.070	0.090
21	0.022	0.028	0.033	0.040	0.049	0.060	0.070
22	0.023	0.028	0.034	0.041	0.050	0.060	0.070
23	0.021	0.026	0.031	0.038	0.046	0.050	0.070
24	0.020	0.024	0.029	0.036	0.043	0.050	0.060
<hr/>							
TOTALS	1.8	2.3	2.7	3.3	4.0	4.7	5.7
MAX	0.48	0.59	0.71	0.87	1.05	1.24	1.50

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